



EW SERIES ELECTRIC ACTUATORS OPTIONS

Radius L.L.C.
4922 Technical Drive
Milford MI 48381
Phone: 248.685.0773
Fax: 248.685.0740
www.radius-eng.com

LP4-1

LP4-3

LM4-1

LM4-3



Local Position Controller (EW800~EW79500)

Models: LP4-1 (1 Phase), LP4-3 (3 Phase) & LM4-1 (1 Phase) & LM4-3 (3 Phase)

Control power: Free voltage (85~265VAC) 50/60Hz, 24VDC Optional

- Magnetic selector switches
- SMPS (Switching Module Power Supply)
- Open/Close & Local/Stop/Remote
- Reversing electric contactors, Transformer (**LM4-1 & LM4-3 ONLY**)

Local lamp indication

- Power – White (on), Remote – Blue (on)
- Close Torque Switch Trip - Yellow (On) + Green (flickering: only at Local Position)
- Open Torque Switch Trip - Yellow (On) + Red (flickering: only at Local Position)
- Full Close – Green (on), Closing – Green (flickering: only at Local Position)
- Full Open – Red (on), Opening – Red (flickering: only at Local Position)

**Options Available: PK, CT, RPC (Modulating), IP68, Explosion Proof*

ICM1

ICM1-3



Integral Control Module (EW1400~79500)

Models: ICM1 (1 Phase) & ICM1-3 (3 Phase)

Main Power: 3Ph /220/380/440VAC 1Ph/110/220VAC

Control power: 24VDC (Internal Power)

- Magnetic selector switches
- Open/Close & Local/Stop/Remote
- Reversing electric contactors, Transformer, Phase Detector
- Auto Phase Discriminator

Local lamp indication

- Power – White (on), Remote – Blue (on)
- Close Torque Switch Trip – Yellow (on) + Green (flickering)
- Open Torque Switch Trip – Yellow (on) + Red (flickering)
- Full Close – Green (on), Closing – Green (flickering)
- Full Open – Red (on), Opening – Red (flickering)
- Single & Reverse Phasing: (Yellow + Green + Red) all flickering (**3 Phase ONLY**)

**Options Available: Explosion Proof, IP68*

ICM2

ICM2-3



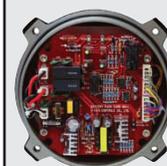
Integral Control Module with LCD Display (EW1400~79500)

Models: ICM2 (1 Phase) & ICM2-3 (3 Phase)

Includes the same functions as ICM1

- LCD Display

**Options Available: CT RPC (Modulating), Explosion Proof. IP68, Bus Communication*



BP - Fail Safe Back Up Battery Pack (EW1400~EW4400)

Motor: 24 VDC

Rechargeable Battery back-up - Fail safe function

- When main power is active, actuator works as normal
- Once power fails, actuator will move to pre-set fail safe position
- Input power: Free voltage (85~265 VAC) 50/60Hz

- Output contacts: Open/Close/Alarm relay

- LED signal indication: 4 LEDs (Full Open/Close, Over Torque and Power)
- Rechargeable battery: 2.0AH 27.5VDC (Ni-Cd)



Note: Radius reserves the right to make technical and/or dimensional changes without prior notice